



Passive Components > Resistors > Through-Hole Resistors > Wirewound Resistor: Vertical Mount



Resistor Type: **Power Resistor**

Passive Component Dimensions: **75 x 10 x 9 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Box**

Passive Component Tolerance: **5 %**

[All Wirewound Resistor: Vertical Mount \(166\)](#)

Features

Product Type Features

|               |                |
|---------------|----------------|
| Product Type  | Fixed Resistor |
| Resistor Type | Power Resistor |
| Element Type  | Wire Wound     |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Passive Component Tolerance | 5 %                       |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Resistance Value            | 10K $\Omega$              |
| Power Rating                | 17 W                      |

Body Features

|                             |              |
|-----------------------------|--------------|
| Passive Component Lead Type | Axial-Leaded |
|-----------------------------|--------------|

Termination Features

|                                             |                     |
|---------------------------------------------|---------------------|
| Number of Terminations                      | 2                   |
| Passive Component Termination Material Type | Tinned Copper Leads |

Dimensions

|  |
|--|
|  |
|--|



|                              |                |
|------------------------------|----------------|
| Passive Component Dimensions | 75 x 10 x 9 mm |
|------------------------------|----------------|

Usage Conditions

|                             |                                   |
|-----------------------------|-----------------------------------|
| Operating Temperature Range | -55 – 350 $^{\circ}\text{C}$      |
| Temperature Coefficient     | $\pm 200$ ppm/ $^{\circ}\text{C}$ |

Packaging Features

|                  |                   |
|------------------|-------------------|
| Packaging Method | Loose Piece - Box |
|------------------|-------------------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| Solder Process Capability                     | Wave solder capable to 265 $^{\circ}\text{C}$                                                                                   |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

SBCHE1510KJ

10K  $\Omega$ , Wire Wound, Power Resistor, 5 %, 75 x 10 x 9 mm, 2 Termination, Loose Piece  
- Box, 17 W,  $\pm 200$  ppm/ $^{\circ}\text{C}$ , Tinned Copper Leads Termination, CGS SBC



TE Part # CAT-C339-SB19B  
Wirewound Resistor: Vertical Mount

TE Part # 1623728-3  
BCHE 11 W 10R 5%

Also in the Series | CGS SBC

Surface Mount Resistors(1)

Through-Hole Resistors(212)

Customers Also Bought

TE Part #5650868-5  
ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F

TE Part #640384-6  
06P MTA156 HDR ASSY STR RND SN

TE Part #1622486-1  
LR1 1% 470R

TE Part #1SNK705062R0000  
ZK2.5-RD

TE Part #1SNK705065R0000  
ZK2.5-WH

TE Part #1SNK705066R0000  
ZK2.5-BK

TE Part #1SNK706412R0000  
ZK2.5-SF-R3

TE Part #2305217-1  
MICRO STACK REC ASSY 0.1 GOLD

TE Part #2305218-1  
MICRO STACK HDR ASSY 6.75MM 0.1 GOLD

TE Part #2305220-1  
MICRO STACK HDR ASSY 20MM 0.1 GOLD



Documents

Product Drawings

BCHE 17 W 10K 5%

English

Datasheets & Catalog Pages

4-1773460-6\_RESISTIVE\_SOLUTIONS\_RAIL

English

1309350\_PASSIVE\_COMPONENT

English

High Power Resistor - Type SBC (Square Ceramic) Series - Tyco Electronics Passives

English

8-1773459-4\_POWER\_FILTERING\_AND\_RESISTIVE\_SOLUTIONS\_FOR\_ELEVATORS\_AND\_ESCALATORS

English